

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

GEORGE ALEXANIAN

Serial No. 10/ _____

For: IRRIGATION CONTROLLER
WATER MANAGEMENT
WITH TEMPERATURE
BUDGETING

Filed: Apr. 13, 2004

Art Unit: (unknown)

Examiner: (unknown)

Certificate of Mailing

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 label number EV420170999US, postage prepaid, in an envelope addressed to: Box Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 13, 2004.

Signed: _____

Gable A. Alfano

**PETITION TO MAKE SPECIAL UNDER THE
ENVIRONMENTAL QUALITY AND ENERGY PROGRAMS
(37 C.F.R. § 1.102(c) AND M.P.E.P. § 708.02, V & VI)**

Honorable Commissioner of Patents
and Trademarks:
Washington, D.C. 20231

Dear Sir:

Applicant hereby petitions to make this application special as being for an invention that

(a) materially enhances the quality of the environment of mankind by contributing to the restoration or maintenance of the basic life-sustaining material elements (air, water and/or soil);

and (b) materially contributes to the more efficient utilization and conservation of energy.

Accompanying this petition is a statement by the applicant explaining how the invention materially contributes to the more efficient utilization and conservation of energy.

In accordance with 37 C.F.R. § 1.102(c), no fee is required for this petition.

Dated: April 13 2004.

Respectfully Submitted,

By



MARK D. MILLER

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Signed:

Gable A. Alfano
Gable A. Alfano.

**STATEMENT OF APPLICANT
IN SUPPORT OF PETITION TO MAKE SPECIAL
UNDER THE ENVIRONMENTAL QUALITY AND ENERGY PROGRAMS
(37 C.F.R. § 1.102(c) AND M.P.E.P. § 708.02, V & VI)**

George Alexanian, being hereby warned that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18, of the United States Code, and that such willful false statements may jeopardize the validity of this document declares:


1. That he is the inventor of the irrigation controller water management with temperature budgeting method and apparatus ("the invention") that is the subject of the present patent application, and that he is the owner of all rights thereto.

2. That the subject patent application describes and claims a method and apparatus for automatically modifying a preliminary irrigation schedule based upon the ambient temperature and extraterrestrial radiation of a particular geographic area. The invention comprises a formula that closely approximates the results provided by the currently recognized evapotranspiration (ET) standard (even more closely than other ET formulas), without relying upon the complex variables and interrelationships of the ET theory. This renders the present invention easier to understand and implement than its ET counterparts, making it more likely that the invention will be accepted and implemented by consumers. Such acceptance and implementation decrease the waste of natural resources.

3. First and primarily, the present invention addresses the current problem of over-irrigation, thus conserving water. Second, as noted by the United States Environmental Protection Agency (EPA), such decreased waste also conserves energy (and the pollution associated with its generation) because less water pumping and treatment is required. Third, also noted by the EPA, such decreased waste reduces the amount of pollution caused by storm water and irrigation water runoff, particularly by the top soils, fertilizers and pesticides that are introduced into lakes, rivers and streams. Additional benefits are disclosed in the patent application accompanying this statement.

4. That all statements made of his own knowledge are true and all statements made on information and belief are believed to be true.

Dated: April 12, 2004


George Alexanian